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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</i>	Attorney Docket No.	F96.6 CIPC
	First Inventor or Application Identifier	Joseph P. Markham
	Title	Pet Toy Product With Integral Treats Receiving Receptacles
	Express Mail Label No.	

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification [Total Pages 13] - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3] 4. Oath or Declaration [Total Pages 2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> i. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
ACCOMPANYING APPLICATION PARTS	
7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations] 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> * Small Entity Statement(s) <input checked="" type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12) 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input type="checkbox"/> Other: Submission of Information Disclosure Citations	
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16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: **08 / 972,549**

Prior application information: Examiner **Swiatek** Group / Art Unit: **3643**

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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Signature	<i>Brent P. Johnson</i>	Date	7/16/99

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Applicant or Patentee: Joseph P. Markham Attorney's
Serial No. or Patent No.: _____ Docket No.: F96.6CIP
Filed or Issued: _____
For: "Pet Toy Product With Integral Treats Receiving Receptacles"

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) AND 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am:

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Bounce, Inc. d/b/a The Kong Company
ADDRESS OF CONCERN 16191-D Table Mountain Parkway
Golden, CO 80403-1641

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when, either directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled Pet Toy Product With Integral Treats Receiving Receptacles by inventor(s) Joseph P. Markham described in:

☒ the specification filed herewith.

☐ application serial no. _____, filed _____
☐ patent no. _____, issued _____

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Joseph P. Markham
TITLE OF PERSON OTHER THAN OWNER President
ADDRESS OF PERSON SIGNING 16191-D Table Mountain Parkway
Golden, CO 80403-1641

SIGNATURE  DATE 11/17/97

PET TOY PRODUCT WITH INTEGRAL TREATS
RECEIVING RECEPTACLES

Technical Field

5 This patent application is a continuation of U.S. Serial No.
08/972,549, filed November 18, 1997, and entitled "Pet Toy Product With
Integral Treat Receiving Receptacles" which is a continuation-in-part of
U.S. Serial No. 08/663,447, filed June 13, 1996, and entitled "Pet Toy
Product With Integral Treats Receiving Receptacles".

10 This invention relates to a pet toy product, and more particularly to a
pet toy product having recesses and openings for receiving treats.

Background Art

15 Chewable pet toys have been available for many years. Many are
impregnated with odors or flavoring materials which are attractive to the
animal for which the toy is intended. These toys can be made of various
materials, such as rawhide, rubber and plastic. The shortcoming of these
products is that after a period of time, the flavor and/or odor becomes less
strong and the animal loses interest in the toy. No means is provided for
subsequently enhancing the flavor and odor of the toy.

20 Tay (U.S. Des. Patent No. 188,179) discloses a pet food holder
which has a hollow center for holding food.

Allis (U.S. Patent No. 1,149,170); Jones (U.S. Patent No. 260,851);
and Edwards (U.S. Patent Nos. 4,513,014 and 4,557,219) each disclose a
pet toy having a flavoring material impregnated therein.

25 Fisher (U.S. Patent No. 3,104,648) discloses a pet toy which is odor
impregnated.

Markham (U.S. Patent No. Re. 34,352) discloses a therapeutic pet toy having parallel peripheral grooves in which oral hygiene substances may be placed.

5 Axlerod (U.S. Patent No. 3,871,334) and Miller (U.S. Patent Nos. 3,899,607 and 4,032,665) each disclose pet toys which are both flavor and odor impregnated.

10 Jungle Talk International sells a product for birds made of wood which has openings in which nuts are firmly fixed. The bird must substantially destroy the wood in order to reach the nuts. Thus, the product cannot be reloaded and reused.

A product known as a "Buster Cube" has an opening in which dry dog food is poured. As a dog knocks it over in playing with it, the food runs out so that the dog can eat it.

15 Although each of these inventions is suitable for its intended purpose, none provide means on the exterior surface thereof for holding animal treats for keeping the animal interested in the toy.

Disclosure Of The Invention

20 In accordance with the present invention, a pet toy product is provided for holding, by friction or adhesion, one or more animal treats wherein the toy has a body member having an outer surface with one or more recesses for receiving one or more animal treats. The term "treat" is intended to include any items which are attractive to or are consumed by an animal. The recesses may be of varying depth so that the treats in the deeper recesses are more difficult for the animal to extract than are the
25 treats in the shallower recesses. The recesses may be circular, triangular, irregular, or in the form of a groove or any other suitable configuration.

The outer surface of the toy may be raised to accommodate the recesses or the recesses may extend into the surface. Finally, the pet toy may have a recess forming an opening which extends completely through the side wall for receiving a treat. With the structure recited, the pet owner can replenish the treats as often as necessary to maintain the pet's interest in the toy.

Different treats can be provided with different nutritional values and tastes. Also, because some treats will be harder for the animal to remove than others, the animal can be kept occupied for several hours before the treats need to be replaced again. The toy may be made of molded rigid or flexible material which can accommodate different types of treats. This construction allows the toy to be used repeatedly by refilling the recesses with more treats.

Additional advantages will become apparent from the description which follows, taken in conjunction with the accompanying drawings.

Brief Description Of The Drawings

Figure 1 is an illustration of an animal playing with one form of the present invention;

Figure 2 is a perspective view of a variety of forms of pet toy products embodying the invention;

Figure 3 is a fragmentary perspective view of a portion of a first embodiment of the pet toy product of this invention showing recesses of varying depth containing animal treats;

Figure 4 is a lateral section, taken along line 4-4 of Figure 3, showing the different depths of the recesses with treats therein;

Figure 5 is a fragmentary perspective view of a portion of a second embodiment of the pet toy product of this invention having longitudinal

grooves for receiving animal treats and showing a liquid treat being inserted into the grooves;

Figure 6 is a lateral section, taken along line 6-6 of Figure 5, showing the different depths of the recesses with treats therein;

5 Figure 7 is a fragmentary perspective view of a portion of a third embodiment of the pet toy product of this invention having longitudinal grooves which are raised above the surface of the toy;

10 Figure 8 is a fragmentary perspective view of a portion of a fourth embodiment of the pet toy product of this invention having a plurality of recesses formed in a plurality of raised areas;

Figure 9 is a lateral section, taken along line 9-9 of Figure 8, showing the different depths of the recesses with treats therein;

15 Figure 10 is a fragmentary perspective view of a portion of a fifth embodiment of the pet toy product of this invention having a triangular recess;

Figure 11 is a fragmentary perspective view of a portion of a sixth embodiment of the pet toy product of this invention having a recess extending through the side wall of the pet toy to form an opening for receiving an animal treat; and

20 Figure 12 is a fragmentary perspective view, similar to Figure 11, but showing a treat positioned within the opening.

Best Mode For Carrying Out The Invention

25 In accordance with this invention, an animal, such as dog D, is shown in Figure 1 playing with the pet toy product T of this invention. As best seen in Figure 2, the pet toy product may have a variety of configurations, such as ball T₁, bone-shaped pet toy product T₂, box-shaped

pet toy product T₃, elongated pet toy product T₄, star-shaped pet toy product T₅ and annular pet toy product T₆. The recesses shown in these pet toy products can be of varying depths, as described below. These configurations are exemplary only and other configurations will be apparent to one of ordinary skill in the art and such other shapes are intended to be included within the scope of this invention.

One embodiment of pet toy product T is shown in Figures 3 and 4. The pet toy product T includes a body member 10 with an outer surface 11 which generally defines the shape of the pet toy product T. Body member 10 has a depth defined by side wall 12 which includes a geometrically arranged plurality of depressions or recesses, such as shallow recess 13, medium recess 14 and deep recess 16. Each of the respective recesses has an animal treat 18 which may be inserted therein. The treat can be wedged into a recess in a rigid toy product or can be resiliently gripped by the side surfaces of a flexible product. In other words, the treat is releasably and frictionally held in the recess. An adhesive could also be used to attached the treat within the recess. For example, this treat can be dry pet food. The animal can readily remove the treat 18 from shallow recess 13, but must work harder to recover the treat 18 in medium recess 14. Likewise, the animal must work extra hard to remove treat 18 within deep recess 16.

Another embodiment of pet toy product T is shown in Figures 5 and 6. Specifically, side wall 12 is provided with a geometrically arranged plurality of grooves, such as shallow groove 20, medium groove 22 and deep groove 24. A treat 18 can be placed in each of these grooves so that the animal experiences different levels of difficulty in the recovery of the treats from the respective grooves. Additionally, a second liquid or paste treat 26, such as peanut butter or soft cheese, can be placed in the grooves,

as from a dispenser 28. This type of treat will be retained by adhesion. This allows the animal to enjoy more than one treat with the same toy.

A further embodiment of the invention is shown in Figure 7 wherein the side wall 12 of pet toy product T is provided with geometrically
5 arranged raised portions 30 which form laterally spaced grooves 32, 34 and 36, respectively. As shown, these grooves can be supplied with one or more treats 18.

A still further embodiment of this invention is shown in Figures 8 and 9 wherein the side wall 12 of pet toy product T has a plurality of
10 geometrically arranged raised portions 38, 40 and 42. Raised portion 38 has a shallow recess 44 formed therein; raised portion 40 has a medium recess 46 formed therein; and raised portion 42 has a deep recess 48 formed therein. As shown, treats 18 can be placed in each of these recesses, thus providing different degrees of difficulty for the animal to remove them.

In the embodiment of Figure 10, side wall 12 of pet toy product T is
15 provided with a triangular recess 50 for receiving a hard treat 52, such as a nut. This form of the invention is particularly attractive for birds, such as parrots, which can use their beaks and/or talons in the space between the corners of the recess and the treat to dislodge the treat.

Figures 11 and 12 disclose an embodiment wherein side wall 12 has
20 a recess which extends completely therethrough to form an opening 54 through which a treat 56, such as rawhide can be received.

Although separate embodiments have been illustrated, it is to be understood that the characteristics of one or more embodiments can be
25 incorporated within the same pet toy product. For example, as shown in pet toy products T₁ and T₅, these toys incorporate a combination of recesses 12, 14, 16, 44, 46, 48 and opening 54.

From the foregoing, the advantages of the present invention are readily apparent. A pet toy having various configurations is provided which has recesses or grooves of varying size and depth for releasably receiving one or more animal treats. Because of the varying depth of the recesses, the animal will experience different degrees of difficulty in removing the treats from the pet toy product. Thus, the pet toy product can keep the animal occupied for extended periods of time. The pet toy product can also be used for birds. The owner can replace the treats by inserting them as needed into the recesses. These treats can take the form of dry pet food, liquid or paste snacks, such as peanut butter or soft cheese. Nuts and vegetables pieces can be provided in the recesses when the pet toy product is used for a bird. In other words, any product to which the animal is attracted can be placed in the recesses. Since the toy is not destroyed by the removal of the treats, the toy can be reloaded with additional treats or foods for reuse.

Although this invention has been described with respect to use with pets, it is understood that it can be used with other animals not usually considered as pets.

This invention has been described in detail with reference to particular embodiments thereof, but it will be understood that various other modifications can be effected within the spirit and scope of this invention.

CLAIMS**What is Claimed is:**

1. A pet toy product which includes one or more edible treats to induce an animal to play with said pet toy product, said pet toy product comprising:

5 a molded body member having a resilient outer surface;
 a plurality of recesses of varying depths geometrically arranged on at least a portion of said outer surface; and
 edible treats positioned in at least some of said plurality of recesses so that said edible treats in said recesses having deeper depths are more difficult for the animal to extract than are said edible treats in said
 10 recesses having shallower depths.

2. A pet toy product, as claimed in claim 1, wherein:
 at least one of said plurality of recesses is generally circular shaped.

3. A pet toy product, as claimed in claim 1, wherein:
 at least one of said plurality of recesses is non-circular in shape.

4. A pet toy product to induce an animal to play with said pet toy product, said pet toy product comprising:

at least one edible food treat;
 a body member having an outer surface, and a plurality of
 5 geometrically arranged recesses extending completely through said body

member to form openings, at least one of said openings holding at least one said edible treat in a fixed position.

5. A method of entertaining an animal, said method comprising the steps of:

providing a pet toy having an outer surface with a plurality of recesses of different depths formed therein;

5 inserting a first edible pet treat in at least one of the plurality of recesses so as to be retained within the at least one recess until dislodged by the animal;

10 inserting a second edible pet treat in at least one other of the plurality of recesses so as to be retained within the at least one other recess until dislodged by the animal; and

giving the pet toy to the animal.

6. A method, as claimed in claim 5, wherein said inserting step includes the step of:

frictionally attaching the first and second edible pet treats within the recesses.

7. A method, as claimed in claim 5, wherein said inserting step includes the step of:

attaching the first and second edible pet treats within the recesses by adhesion.

8. A method, as claimed in claim 5, including the further steps of:

reloading at least some of said plurality of recesses with a
 third edible pet treat after said first and second edible pet treats have been
 5 removed from the plurality of recesses by the animal; and
 returning the pet toy to the animal.

9. A method, as claimed in claim 5, including the further step
 of:

inserting a plurality of said first or second edible pet treats in
 at least one of the plurality of recesses.

10. A pet toy product which includes one or more edible treats to
 induce an animal to play with said pet toy product, said pet toy product
 comprising:

5 a body member having an outer surface;
 a plurality of means for releasably retaining edible treats, said
 plurality of retaining means being formed on said body member; and
 at least one edible treat positioned simultaneously in at least
 two of said plurality of retaining means.

11. A pet toy product, as claimed in claim 10, wherein:
 said plurality of releasable retaining means secures said at
 least one edible treat by friction.

12. A pet toy product, as claimed in claim 10, wherein:
 said plurality of releasable retaining means retains said at
 least one edible treat as by adhesion.

13. A pet toy product, as claimed in claim 10, wherein:
 said at least one edible treat is two edible treats, one each of
 two edible treats being placed within a corresponding plurality of retaining
 means.

14. A pet toy product, as claimed in claim 10, wherein:
 said plurality of retaining means includes a plurality of
 recesses formed on said outer surface, at least some of said plurality of
 recesses having varying depths.

15. A pet toy, as claimed in claim 10, wherein:
 said plurality of retaining means includes a plurality of
 recesses extending completely through said body member to form
 openings.

16. A pet toy product, as claimed in claim 10, wherein:
 said plurality of retaining means includes at least one recess
 formed on said outer surface, and at least one recess extending completely
 through said body member to form an opening.

17. A pet toy product for resiliently holding one or more edible
 treats to induce an animal to play with said pet toy product, said pet toy
 product comprising:

- a molded body member being made of a resilient material,
- 5 and having an outer surface defining the shape of the pet toy, said body
 member further having a side wall of a substantially uniform thickness, and
 a plurality of recesses formed in said side wall of varying depths, wherein

10

ABSTRACT

A pet toy product for holding one or more animal treats has a body member having an outer surface with one or more recesses for removably holding one or more animal treats. The recesses may be of varying depth so that the treats in the deeper recesses are more difficult for the animal to extract than are the treats in the shallower recesses. The recesses may be circular, triangular, irregular, in the form of a groove or any other suitable configuration. The outer surface of the toy may be raised to accommodate the recesses or the recesses may extend into the surface. The pet toy may have recesses forming openings which extend through the pet toy product for receiving treats. With the structure recited, the pet owner can replenish the treats as often as necessary to maintain the pet's interest in the toy. Different treats can be provided with different nutritional values and tastes. Because some treats will be more difficult for the animal to remove than others, the animal can be kept occupied for several hours before the treats need to be replaced again. The treats may be held in the recesses by friction, adhesive or adhesion.

Fig. 1

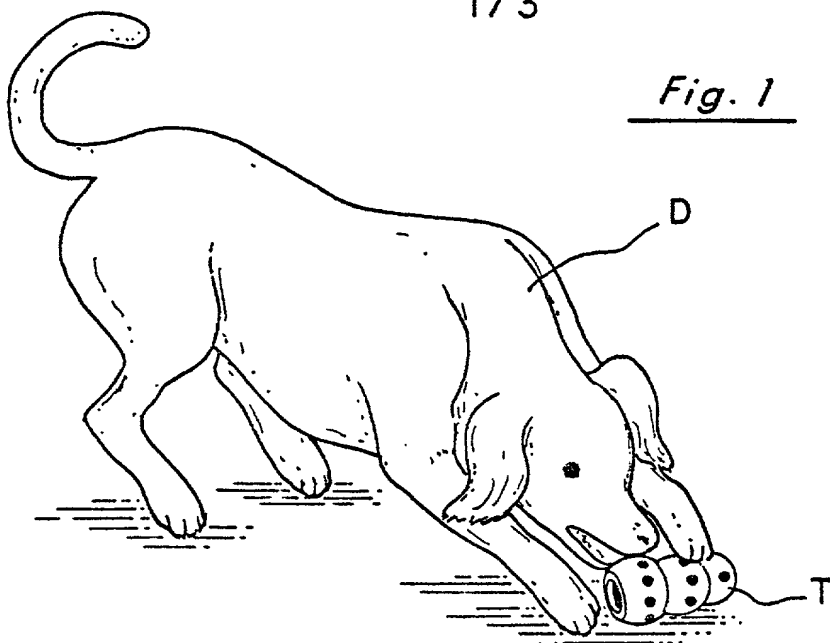
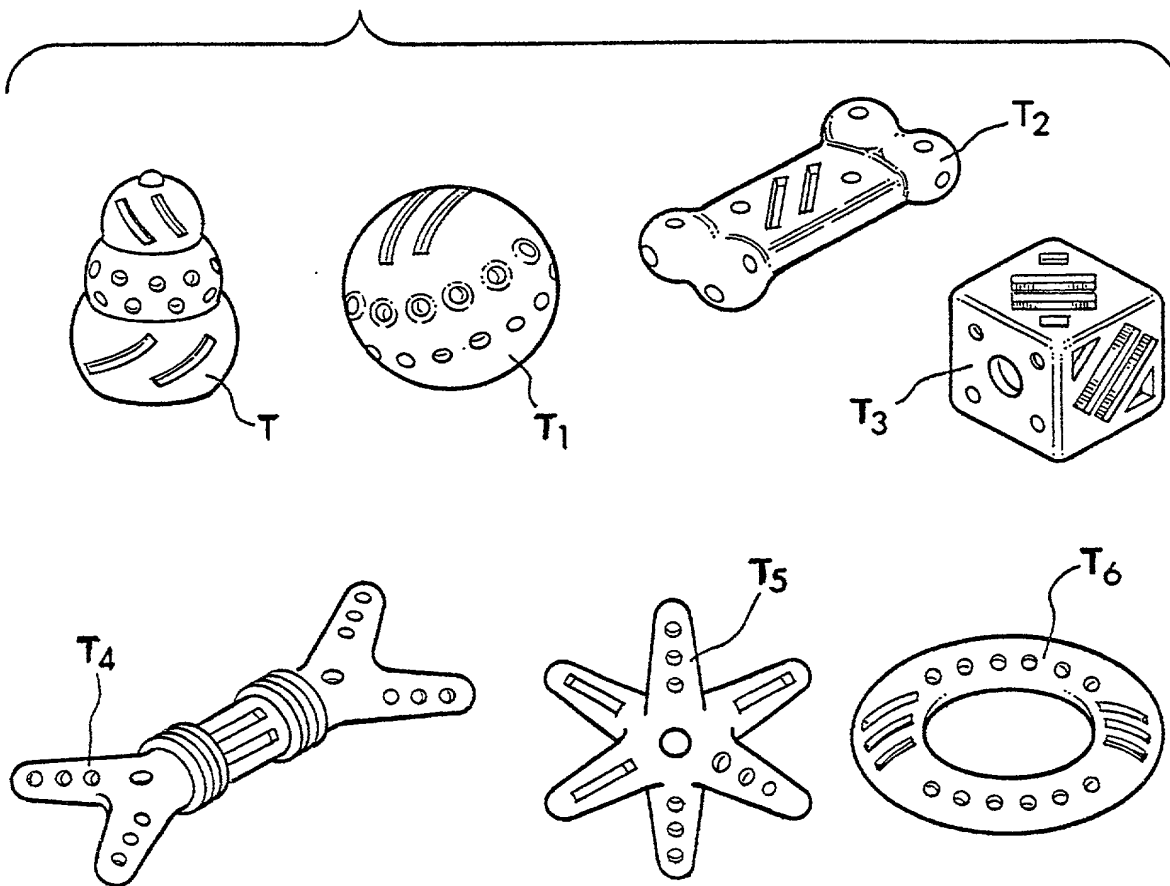
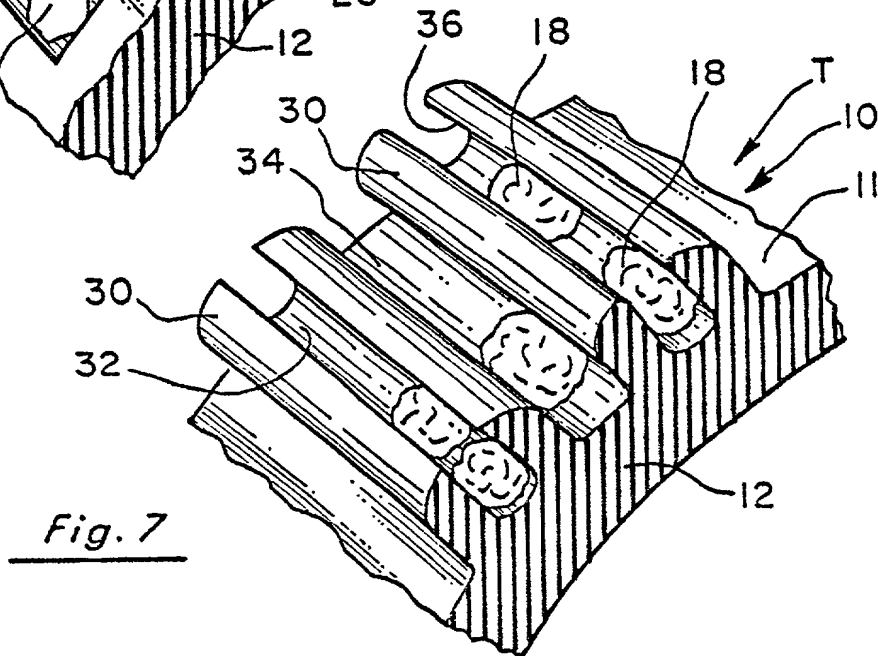
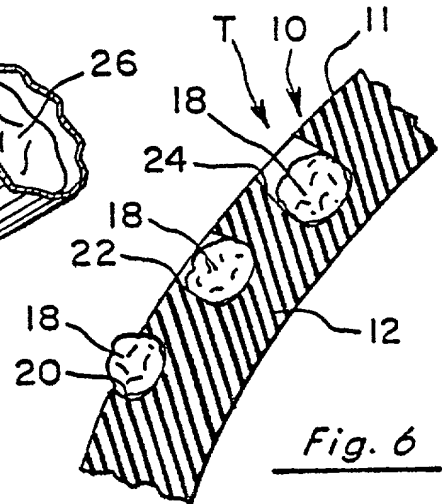
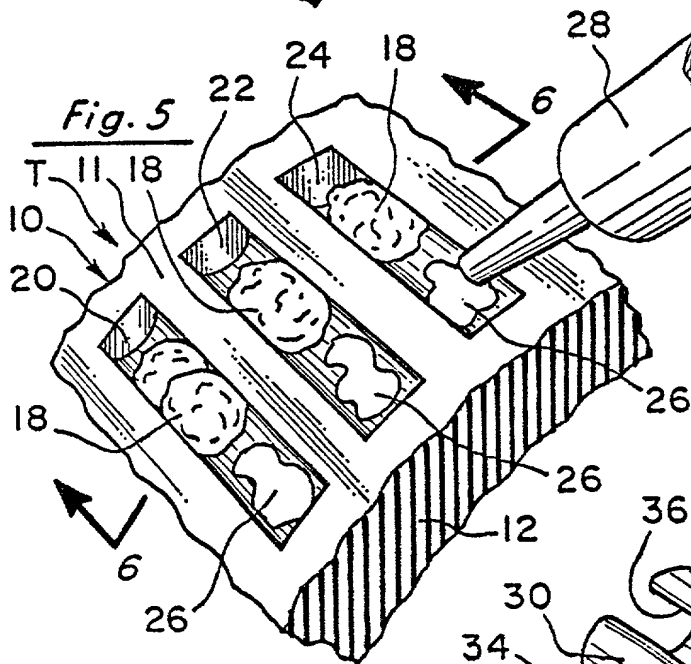
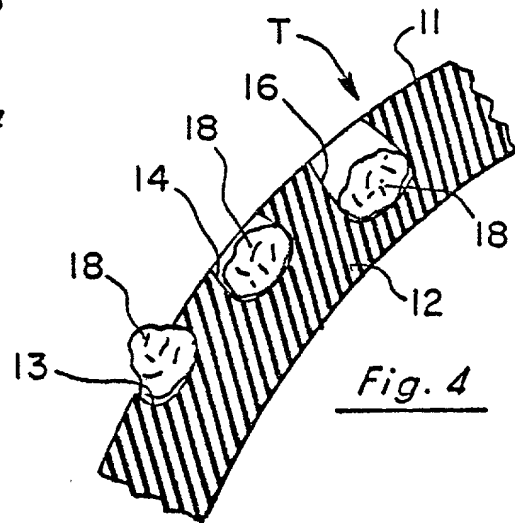
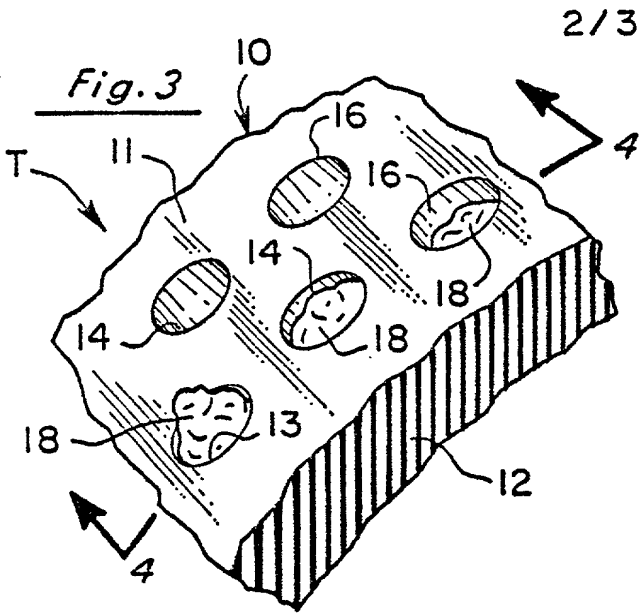
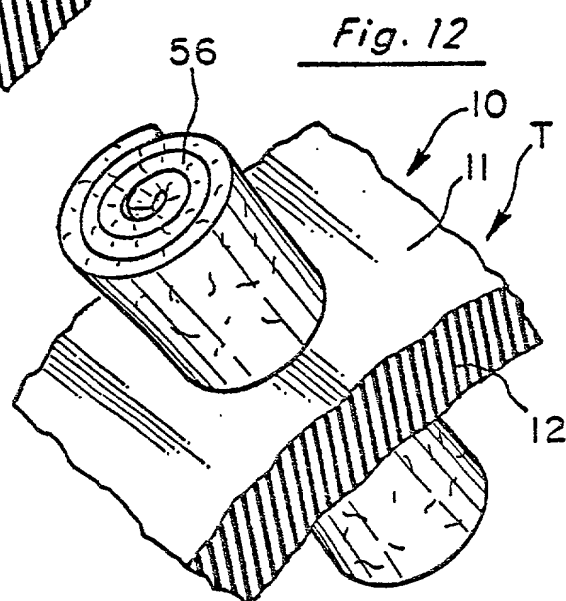
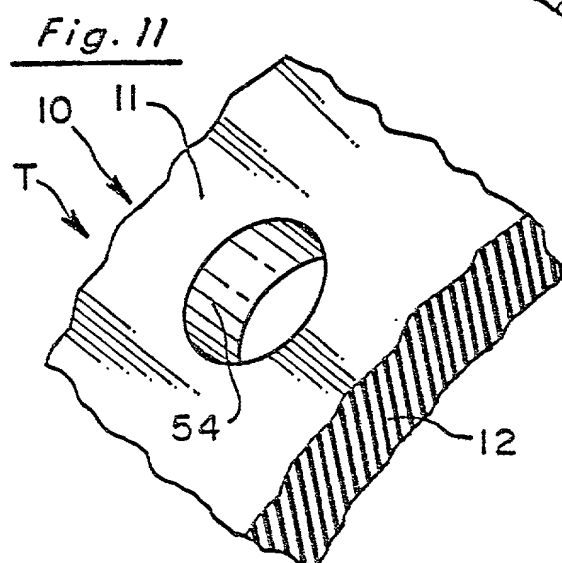
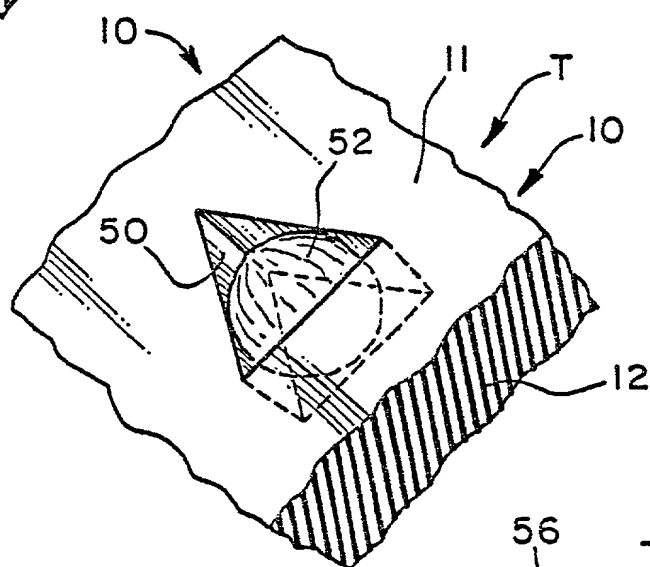
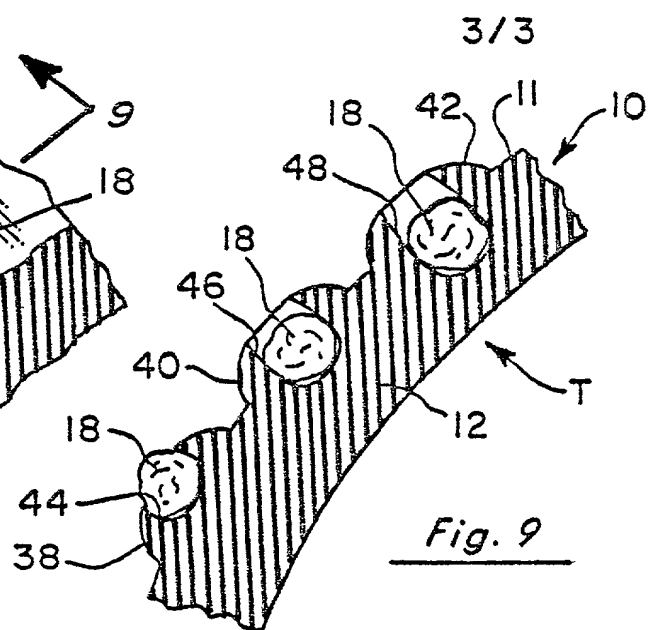
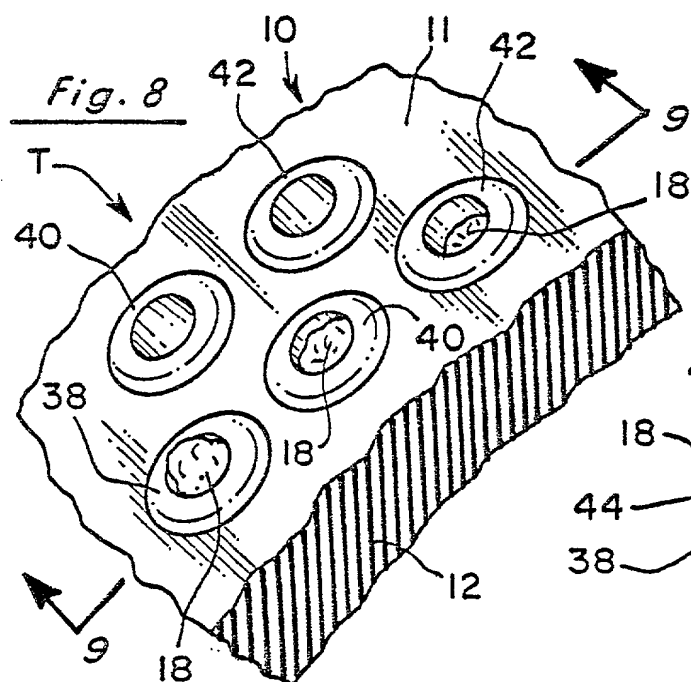


Fig. 2







DECLARATION FOR PATENT APPLICATION

Attorney Docket No.
F97.6

As a below named inventor, we hereby declare that:
Our residence, post office address and citizenship are as stated below next to our names.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Pet Toy Product With Integral Treats Receiving Receptacles", the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ as was amended on _____ (if applicable).

I hereby stated that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or Inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of the United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

08/663,447

June 13, 1996

Pending

(Application Number)

(Filing Date)

(Status- patented, pending, abandoned)

29/044,631

September 27, 1995

Patented

(Application Number)

(Filing Date)

(Status- patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Gary D. Fields, Registration No. 19,604 and Brent P. Johnson, Registration No. 38,031 of Fields & Johnson, P.C.

Address all telephone calls to: Brent P. Johnson at telephone number (303) 861-9100

Address all correspondence to: Fields & Johnson, P.C.
1700 Lincoln Street, Suite 3030, Denver, CO 80203

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Joseph P. Markham

Inventor's signature [Signature] Date 11/17/97

Residence 12094 West 75th Place, Arvada, Colorado 80005 Citizenship U.S.A.

Post Office Address 12094 West 75th Place

Arvada, Colorado 80005

Full name of second joint inventor, if any (given name, family name) Brent P. Johnson

Second Inventor's signature [Signature] Date 11/17/97

Residence 6081 South Forest Court, Littleton, Colorado 80121 Citizenship U.S.A.

Post Office Address 6081 South Forest Court

Littleton, Colorado 80121

Additional inventors are being named on separately numbered sheets attached hereto.

DECLARATION FOR PATENT APPLICATION
Additional Inventors Being Named for the Invention Entitled

Page 2

Full name of third joint inventor (given name, family name) Gary D. Fields
Inventor's signature *Gary D. Fields* Date 11-17-97
Residence 12740 North Spring Creek Road, Parker, Colorado 80138 Citizenship U.S.A.
Post Office Address 12740 North Spring Creek Road
Parker, Colorado 80138

Full name of fourth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of fifth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of sixth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of seventh joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of eighth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of ninth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of tenth joint inventor (given name, family name) _____
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____